

# FLEXIBLE FIRESTOP SEALANT CP 606

## Product description

- An acrylic based firestop sealant that provides movement capability in fire rated joints and seals through-penetrations applications

## Product features

- Silicone free
- Halogen, asbestos and solvent free
- Paintable
- Tested up to 33% movement with 500 cycles in accordance to UL 2079 and ASTM 1966
- Smoke and fume resistant
- Easy clean up with water
- Single component systems available
- Meets LEED™ requirements for indoor environmental quality credit
- 4.1 Low Emitting Materials, Sealants and Adhesives and 4.2 Paints and Coatings

## Areas of application

- Sealing construction/expansion joints
- Top-of-wall joints
- Metal pipes
- Cable bundles
- HVAC penetrations

## For use with

- Various base materials such as masonry, concrete, gypsum, etc.
- Wall and floor assemblies rated up to 3 hours
- Not for use with CPVC

## Examples

- Where a gypsum wall assembly meets the underside of a metal or concrete deck
- Sealing expansion joints to impede the passage of fire, smoke and toxic fumes
- Sealing around HVAC penetrations through fire-rated assemblies

## Installation instructions

- See Hilti literature or third-party listings for complete application and installation details

## Technical data\*

<b>Chemical basis</b>	Water-based acrylic dispersion
<b>Color</b>	Available in red, white and gray
<b>Density</b>	99.9 lb/ft³
<b>Application temperature</b>	35°F to 104°F (1.5°C to 40°C)
<b>Storage temperature</b>	35°F to 95°F (1.5°C to 35°C)
<b>Temperature resistance</b>	-22°F to 176°F (-30°C to 80°C)
<b>Shelf life</b>	24 months
<b>Tack free time</b>	23mins (ventilated at 77°F, 80% rel. humidity)
<b>Skin-forming time</b>	Approx. 15 min
<b>Curing time</b>	Approx. 3 mm / 3 days
<b>Average volume shrinkage (ASTM C1241)</b>	22%
<b>Movement capability</b>	Up to 33%
<b>Mold &amp; mildew</b>	Class 0 (ASTM G21-96)
<b>Electrical resistance</b>	Yes
<b>LEED Compliant</b>	Yes (CDPH v1.2-2017)
<b>LEED VOC</b>	49 g/L
<b>Intumescent</b>	No
<b>Seismic resistant</b>	Yes
<b>Water tightness</b>	Yes
<b>Temperature resistance</b>	-22°F to 176°F (-30°C to 80°C)
<b>Surface burning characteristics (ASTM E 84-96)</b>	Flame Spread: 10 Smoke Development: 0
<b>Surface burning characteristics (CAN/ULC-S102)</b>	Flame Spread: 14 Smoke Developed: 4
<b>California State Fire Marshall Approvals</b>	Yes (pens & joints)
<b>City of New York approval</b>	Yes (CP606 MEA 100-99-MV6)
<b>Air leakage (UL 2079 L-Rating)</b>	L-Rating at Ambient = Less than 1 CFM / Lin Ft. L-Rating at 400°F = Less than 1 CFM / Lin Ft.
<b>Sound transmission classification (ASTM E 90-99)</b>	68 (Relates to specific construction)
<b>Tested in accordance with</b>	UL 2079, ASTM E 814, ASTM E 1966, ASTM E 2837, UL 1479, ASTM C920, ASTM C1241, CAN/ULC-S115

\*At 73°F (23°C) and 50% relative humidity

